

What is claimed is:

1. In a method of operating a vacuum corrugated belt feeder with positive air pressure separator during a feed cycle wherein said vacuum and said positive pressure air are controlled by a vacuum valve and a positive air pressure valve respectively, wherein the paper is taken away by a belt which is activated when a feed clutch is energized, wherein the vacuum is actuated at the start of the feed cycle and de-actuated when the feed clutch is de-energized, the improvement comprising:
 - 10 pulsing the positive air pressure separator by actuating and de-actuating said positive air pressure separator during the feed cycle.
 2. The method of claim 1 wherein said positive air pressure separator is actuated when said vacuum is actuated, and said positive air pressure is de-actuated before the feed clutch is energized.
 - 15 3. The method of claim 1 when the feed rate is 110 pages per minute, wherein said positive air pressure separator is actuated when said vacuum is actuated, and said positive air pressure is de-actuated approximately 50 milliseconds before the feed clutch is energized.
 4. The method of claim 1 when the feed rate is 110 pages per minute, wherein
20 said positive air pressure valve is closed approximately 50 milliseconds prior to the clutch being energized.
 5. A method of operating a vacuum corrugated belt feeder with positive air pressure separator during a feed cycle wherein said vacuum and said positive pressure air are controlled by a vacuum valve and a positive air pressure valve respectively, wherein the paper is taken away by a belt which is activated when a
25 feed clutch is energized, comprising:
 - opening said vacuum valve and said positive pressure air valve;
 - closing said positive pressure air valve;
 - energizing the feed clutch on the belt feeder;
 - 30 de-energizing the feed clutch ; and,
 - closing said vacuum valve.